NOV 2 0 2006

FADDECLARATION AND
POWER OF ATTORNEY
FOR UTILITY OR DESIGN
PATENT APPLICATION
(37 CFR 1.63)

Declaration
Submitted
with Initial
Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	ITR0041	
First Named Inventor	Ciliberto, Gennaro	
C	OMPLETE IF KNOWN	
Application Number		
Filing Date		
Group Art Unit		
Examiner Name		

		<u> </u>					
As a below named inventor	, I hereby declare	that:					·- ·
My residence, mailing addre	ss, and citizenship a	are as stated below i	next to my name.				
I believe I am the original, finames are listed below) of the	rst and sole invento e subject matter wh	r (if only one name tich is claimed and f	is listed below) or a for which a patent is	an original, first and join s sought on the invention	it invent n entitle	tor (if plu d:	ıral
ORTHOGONAL GENE SWIT	TCHES		<del></del>				
		(Title of the	En antique)				
the specification of which		(Time of the T	nvenuon)				
bears the Attorney Doc	ket Number and Tit	le of the Invention :	noted above				
OR is attached hereto							
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was filed on (MM/DD/	YYYY) [	as Ui	nited States Applica	tion Number or PCT In	ternation	nal	
· Application Number		nd was amended on	•			licable).	
I hereby state that I have revi			e above identified s	pecification, including t	he clain	ns, as	
amended by any amendment	specifically referred	to above.					
I acknowledge the duty to dis	sclose to the Patent	and Trademark Offi	ce all information l	known to me to be mater	ial to pa	atentabili	ty
as defined in 37 CFR 1.56, in the filing date of the prior app	cluding for continu	ation-in-part applies	ations, material info	rmation which became	availabl	e betwee	n
I hereby claim foreign priority certificate(s), or 365(a) of any	PCT international	U.S.C. 119(a)-(d) or annlication which d	· (t), or 365(b) of ar	y foreign application(s)	for pate	ent or inv	entor's
America, listed below and have	e also identified be	low, by checking th	e box, any foreign :	application for patent or	invento	r's certifi	cate(s),
or of any PCT international ap	plication having a	filing date before the	at of the application	on which priority is cla	imed.		
Prior For eign Application	~ .		eign Filing Date			Priority	Claimed?
Num b er (s)	Country	(IV)	IM/DD/YYYY)	Attorney Docket Nu	mber	YES	NO
Additional foreign applicat	tion numbers are listed	d on a supplemental pr	ionity data sheet PTO	/SB/02B attached hereto.			
I hereby claim the benefit under	35 U.S.C. 119(e) of a	ny United States provi	sional application(s) l	isted below.			
Annliantian N	1 (-)	· ·	g Date				
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## DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

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Address	Merck &	& Co., Inc	Patent Depa	rtment					···				
Address	P.O. Bo	ox 2000, RY	760-30										
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	ven Nar	me (first an	nd middle [i	f any])	,	$\Box$			Family N	ame c	or Surna	me	
Gennaro							Ciliberto						
Inventor's Signature									Date				
Residence: City	Rome	£		State			Country	Italy		Citi	zenship	Italian	
Mailing Address		Istituto di R	icherche di B	3iologia	Molecola	are P.	. Angeletti,	Via Pon	tina KM 3	0.600	•••		
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Name of Additio	nal J	Joint Inventor, if any:				] A po	etition	ı has be	en filed f	for this	s unsigne	d inv	entor
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Raffaele					D	e Franc	esco						
Inventor's Signature					•				Date				
Residence: City	Mar	rino	State			Count	ry It	aly	<u></u>	Citiz	zenship	Italia	nn
Mailing Address		Istituto di Richerche di Bi	iologia N	Aolecola	re P.	Angelett	i, Via	a Pontin	a KM 30	).600			
City		Pomezia, Rome	<b>-</b>	Stat	te		ZII	P 0004	0		Countr	y 17	ALY
		Joint Inventor, if any:		-		Ape	tition	has be	en filed f	for this	unsigne	l inve	entor
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Inventor's Signature	X/	lands Joll	6.						Date	V.Q.	f 22d	200	04
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Mailing Address		Istituto di Richerche di Bi	iologia N	1olecola	re P. /	Angelett	i, Via	Pontin	a KM 30	.600			
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		Joint Inventor, if any:				] A pe	tition	<u> </u>			unsigned		ntor
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Inventor's Signature									Date				
Residence: City	Ron	ne	State			Countr	ry Ita	aly		Citiz	enship	Italia	n
Mailing Address		Istituto di Richerche di Bi	iologia N	folecola:	re P. /	Angeletti	i, Via	Pontin	a KM 30	.600			
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Olaf Daniel					K	inzel							-
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Residence: City	Rom	ne	State			Countr	ry Ita	aly		Citiz	enship	Germ	an
Mailing Address		Istituto di Richerche di Bi	ologia M	folecola:	re P. A	Angeletti	i, Via	Pontina	a KM 30	.600			
City		Pomezia, Rome			Sta	te	*	ZIP	00040	1	Cour	ntry	ITALY

Name of Addition	nal Joint Inventor, if any:				A petition has been filed for this unsigned inventor							
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City		Pomezia, Rome			St	ate	Z	IP 00040		Coun	try	ITALY
Name of Addition	ral J	oint Inventor, if any:				A petit	ion has	been filed	for this	unsigne	d inv	entor
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Ester						Muraglia						
Inventor's Signature								Date				
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DECLARATIO	N AND	Attorney	Dock et Number	ITR0041			
POWER OF AT	ORNEY	First Nan	ned Inventor	Ciliberto, Go	ennaro		
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Declaration	Declaration	Filing Da	te				
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	required)	Examine	r Name				
As a below named inventor,	I hereby declare the	at:					
My residence, mailing addres I believe I am the original, fir names are listed below) of the	est and sole inventor (in subject matter which	if only one:	name is listed below	w) or an origin	al, first and joint in	nventor (if pluntitled:	ıral
ORTHOGONAL GENE SWIT	CHES						
		(Title	of the Invention)				
the specification of which		`					
bears the Attorney Dock	ket Number and Title	of the Inve	ntion noted above				
OR is attached hereto							
OR was filed on (MM/DD/)	YYYY)		as United States A	pplication Nu	mber or PCT Inter	mational	
Application Number		was amend	led on (MM/DD/YY	(YY)		(if applicable)	
I hereby state that I have revi	ewed and understand	the content	s of the above ident	ified specifica	tion, including the	e claims, as	
amended by any amendment	specifically referred	to above.					
I acknowledge the duty to dis as defined in 37 CFR 1.56, in the filing date of the prior ap	ncluding for continuate plication and the nation	tion-in-part onal or PCT	applications, matern international filing	date of the co	n which became av	application.	CII
I hereby claim foreign priority certificate(s), or 365(a) of any America, listed below and hav or of any PCT international ap	PCT international ap	pplication w ow. by check	which designated at I king the box, any fo	reign applicat	iry omer man me t ion for patent or ir	nventor's certi	ficate(
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Additional foreign applic	ation numbers are listed	on a supplen	nental priority data sh	eet PTO/SB/02I	B attached hereto.		
I hereby claim the benefit under							
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Application Nur	110-01 (3)	10/24/200		ITR	0041PV		
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## DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

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	Name				istration umber				Na	am e				Registration Number	
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Name	Yang Xu,	Ph.D.													
Address	Merck &	Co., Inc	Patent Dep	artment											
Address	P.O. Box ?	2000, RY	<u>760-30</u>			<del></del>		<del></del>							
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Gennaro Inventor's	<del></del>						Cilibert	.0							
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Mailing Address	Ist	tituto di Ri	icherche di	Biologia	a Molecol:	are P.	. Angel	etti, Vi	a Pontir	na KM 30.	.600				
City	Pc	omezia, Ro	ome			s	State		ZIP	00040		Coun	ıtry	ITALY	
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Inventor's Signature									Date				
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Inventor's Signature					•	•			Date				
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Paola				Gallinari									
Inventor's Signature									Date				
Residence: City	Ron	ne	State			Countr	y Ita	aly		Citiz	zenship	Italia	n
Mailing Address		Istituto di Richerche di Bi	ologia M	Iolecolare	P. A	Angeletti	, Via	Pontin	a KM 30	.600			
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Olaf Daniel					Ki	inzel							
Inventor's Signature									Date				
Residence: City	Ron	ne	State		-	Countr	y Ita	aly		Citiz	enship	Germ	an
Mailing Address		Istituto di Richerche di Bi	ologia M	Iolecolare	P. A	Ingeletti	, Via	Pontin	a KM 30	.600	,		
City		Pomezia, Rome			Stat	te		ZIP	00040	)	Cou	ntry	ITALY

Name of Addition	nal Joint Inventor, if any:					A petition has been filed for this unsigned inventor							
Give	n Na	me (first and middle [if	any])					Fa	mily Na	me or	Surnan	ne	
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Residence: City	Ron	ne	State			Country	Italy	,		Citize	nship	Gen	man
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City	Pomezia, Rome				State		ZI	[P 0	0040		Coun	try	ITALY
Name of Addition	nal J	oint Inventor, if any:				A petiti	on ha	ıs bec	n filed f	or this ı	ınsigned	l inv	entor
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		with Initial Filing	OR		Filing (surcharge (37 CFR 1.16 (e)) required)	Group Art Unit	
					required)	Examiner Name	

As a below named in	ventor, I hereby	declare that:			
My residence, mailing	; address, and citi	zenship are as stat	ted below next to my name.		
I believe I am the orig names are listed belov	inal, first and solo v) of the subject r	e inventor (if only natter which is cla	one name is listed below) or imed and for which a patent i	an original, first and joint invisions sought on the invention enti	entor (if plural tled:
ORTHOGONAL GEN	E SWITCHES				
the specification of wl	nich		(Title of the Invention)		
-		r and Title of the I	Invention noted above		
OR is attached herete					
was filed on (MA	A/DD/YYYY) [		as United States Applie	ation Number or PCT Internat	ional
Application Number			nended on (MM/DD/YYYY)		applicable).
I hereby state that I has amended by any amen	ve reviewed and a	anderstand the con	itents of the above identified	specification, including the cl	aims, as
as defined in 37 CFR 1 the filing date of the pr I hereby claim foreign p certificate(s), or 365(a) America, listed below a	1.56, including for rior application ar priority benefits u of any PCT inten and have also iden	r continuation-in-p nd the national or I under 35 U.S.C. 11 national applicatio ntified below, by cl	part applications, material info PCT international filing date of 9(a)-(d) or (f), or 365(b) of an on which designated at least of hecking the box, any foreign	known to me to be material to formation which became availated of the continuation-in-part appured for application application for patent or inverse on which priority is claimed	able between plication. patent or inventor's ted States of
Prior Foreign Applicati	ion		Foreign Filing Date		Priority Claimed?
Num b er (s)		Country	(IMM/DD/YYYY)	Attorney Docket Number	YES NO
Additional foreign	application number	s are listed on a supp	plemental priority data sheet PTC	O/SB/02B attached hereto.	
I hereby claim the benefi	t under 35 U.S.C. 1	19(e) of any United	States provisional application(s)	listed below.	
Application	n Number(s)	ļ	Eiling Data		
60/514,362			Filing Date (MM/DD/YYYY)	Attorney Dock et	Number
		10/24/2	(MM/DD/YYYY)	ITR0041PV	Number
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## DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

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Addition	nal U.S. or PCT internat	ional application	numbers are lis	ted on a supp	lemental priority	data sheet PT	O/SB/02B	attached hereto.		
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	Name		Registration Number		Nar	ne		Registration		
Yang Xu		45,243		Jack L.	Tribble			Number 32,633		
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Country	USA		Telephone	(732)594-13	307 -	Fax	(732)59	94-4720		
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Name of Sole	or First Inventor:			A p	etition has been	filed for thi	s unsigne	d inventor		
	iven Name (first and	d middle [if a	my])		-	mily Name	or Surna	ame		
Gennaro				Cilibert	io					
Inventor's Signature	Pell	elle		·	I	Date C	)000 (3 i	er 12,2004		
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X Additional	l inventors are being na	med on the 2	supplemental .	Additional In	ventors(s) sheet(s	) PTO/SB/02	A attached	hereto		

Name of Addition				A petition has been filed for this unsigned inventor										
Give	f any])			Family Name or Surname										
Raffaele					De Francesco									
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		oint Inventor, if any:				A petition has been filed for this unsigned inventor								
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Olaf Daniel	_			Ki	inzel									
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Carlo					T	Coniatti							
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